

POISON

KEEP OUT OF REACH OF CHILDREN READ SAFETY DIRECTIONS BEFORE USE

PROTECTANT™ TERMITE BARRIER

ACTIVE CONSTITUENT: 5.2 g/kg BIFENTHRIN

GROUP 3A INSECTICIDE

A barrier against concealed subterranean termite entry when used with concrete slab-on-ground and cavity brickwork, suspended timber floors and retaining walls.

RESTRICTED CHEMICAL PRODUCT – ONLY TO BE SUPPLIED TO OR USED BY AN AUTHORISED PERSON.

Contents:	Width:	Length:	Area:
*	Metres	Metres	Square Metres

Packed for:

The White Ant Co Pty Ltd, Unit 2, 57-61 Burchill Street, Loganholme, QLD, 4129. TEL: (07) 3806 1402

DIRECTIONS FOR USE:

Situation	Pest	Rate	Critical Comments
Structures (domestic, commercial and industrial) under construction only. To form a continuous barrier against concealed termite entry when used with concrete slab, raft floors, slab-on-ground constructions; for buildings with suspended timber or concrete floors; in cavity brickwork, brick veneer, concrete masonry and exterior sheet cladding as well as a continuous barrier around all service pipes and slab penetrations in a new construction where the slab is in accordance with AS 2870-1996; to any cold-joint formed between an existing structure and new slab or similar; and, for all types of construction joints and Concrete masonry and brick retaining walls for new and existing construction, when bonded to the surface of concrete masonry and brick retaining walls.	Subterranean termites	A single sheet application is sufficient to form an effective barrier against termites when affixed using the correct adhesive products according to the Installation Manual. 	A building site inspection must be carried out prior to installation and precautions taken according to Clause 3.2 of AS 3660.1. The Protectant™ Termite Barrier must be installed as a continuous sheet and sealed and attached using the correct adhesive product according to the Installation Manual. Any damage to the Protectant™ Termite Barrier must be repaired according to the Installation Manual.

NOT TO BE USED FOR ANY PURPOSE, OR IN ANY MANNER, CONTRARY TO THIS LABEL UNLESS AUTHORISED UNDER APPROPRIATE LEGISLATION.

General Instructions: DO NOT use for remedial treatment in structures with pre-existing termite activity. This product is for use in structures under construction or renovation where a termite management system is required. Installation of this product can only be performed by accredited personnel following the procedures as outlined below and as specified in the Protectant™ Termite Barrier Installation Manual.

Insecticide Resistance Warning:

GROUP 3A INSECTICIDE

For insecticide resistance management Protectant™ Termite Barrier is a Group 3A insecticide. Some naturally occurring insect biotypes resistant to Protectant™ Termite Barrier and other Group 3A insecticides may exist through normal genetic variability in any insect population. The resistant individuals can eventually dominate the insect population if Protectant™ Termite Barrier or other Group 3A insecticides are used repeatedly. The effectiveness of Protectant™ Termite Barrier on resistant individuals could be significantly reduced. Since occurrence of resistant individuals is difficult to detect prior to use, The White Ant Co Pty Ltd accepts no liability for any losses that may result from the failure of Protectant™ Termite Barrier to control resistant insects. Protectant™ Termite Barrier may be subject to specific resistance management strategies. For further information contact your local White Ant Co Pty Ltd representative or local agricultural department agronomist.

Prior to Installation

It is recommended that a site inspection by a licensed professional pest manager is undertaken including (i) eliminating any active nest of an economically important species of subterranean termite found within the property up to a distance of 50 m from the proposed treatment site, (ii) excavate all tree stumps, logs and remove from the building footprint, and (iii) remove all timber off-cuts, building debris, removable framework and other waste material from the area of installation.

Joining sheets

A minimum overlap of 50mm must be made when joining sheets. It is highly important that a continuous barrier is maintained to prevent concealed termite entry. An appropriate adhesive that provides a construction grade bond must be used to join sheets and attach the sheeting to the material it is being bonded, to ensure that all joints and edges are appropriately sealed. Further details and instructions are contained in the Installation Manual.

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Width 0.075 m × Length 50 m — Area 3.75 m²; Width 0.11 m × Length 50 m — Area 5.5 m²;
Width 0.15 m × Length 50 m — Area 7.5 m²; Width 0.18 m × Length 100 m — Area 18.0 m²;
Width 0.20 m × Length 100 m — Area 20.0 m²; Width 0.23 m × Length 50 m — Area 11.5 m²;
Width 0.30 m × Length 50 m — Area 15.0 m²; Width 0.36 m × Length 50 m — Area 18.0 m²;
Width 0.48 m × Length 50 m — Area 24.0 m²; Width 0.60 m × Length 50 m — Area 30.0 m²;
Width 1.0 m × Length 50 m — Area 50.0 m²; Width 1.2 m × Length 50 m — Area 60.0 m²

Repairing tears

All care should be taken when using the product. If the product is ripped or torn it must be either replaced or appropriately repaired by applying a single sheet of sufficient size to fully cover the gap or tear. The repair sheet is to be bonded in the same manner as described above for Joining sheets, including a minimum overlap of 50mm.

Complete under slab treatment

Install the sheet on top of the bedding sand prior to laying steel reinforcing mesh. Ensure there is enough overlap sheet at the slab edge to allow full termite protection. Care should be taken to ensure no holes are made in the sheet when laying the steel mesh. The concrete is then poured on top of the termite barrier.

Perimeter treatment

In-fill slab – secure the Protectant™ Termite Barrier sheeting to the outer edge of the brickwork and fold the sheet over the top of the brickwork securing it to the internal brickwork towards the footings. Ensure that prior to the slab being poured that the sheet is securely held in place using an appropriate adhesive that provides a construction grade bond to join sheets to the material with which it is being bonded too. The damp proof course is installed above the sheeting.

Rebated slab edge – Protectant™ Termite Barrier sheeting should be installed before the timber frame is has been raised. Attach one edge of the sheet to the slab to ensure the frame bottom plate will be placed on top of the sheet using an appropriate adhesive or bonding agent. The second edge is fixed to the upper surface of the brickwork, with the outside leading edge being visible in the damp proof course horizontal mortar joint using an appropriate adhesive or bonding agent. Further details on methods for installing and sealing all perimeters are contained in the Installation Manual.

Combined Termite and Moisture Barrier – secure the Protectant™ Termite Barrier sheeting to the outer edge of the brickwork, with the outside leading edge being visible as the damp proof course in the horizontal mortar joint and fold the sheet up the slab face to the frame work. Securing it to the internal face of the slab with the appropriate adhesive or bonding agent then fasten to the framework above with a staple or nail. Further details on methods for installing and sealing all combined termite and moisture barrier perimeters are contained in the Installation Manual.

Corners

Corners must be carefully installed. At a corner, two sheets must be joined and sealed using an appropriate adhesive or bonding agent, with a minimum 50mm overlap.

Service penetrations

Vertical and/or cluster penetrations – all service penetrations must be protected and securely sealed to ensure a continuous barrier to prevent concealed termite entry. This requires the combined use of the termite barrier and an appropriate adhesive that provides a construction grade bond to join sheets to the material with which it is being bonded, to ensure that all joints and edges are appropriately sealed. Further details on methods for sealing all service penetrations are contained in the Installation Manual.

Termite caps

Strips of sheeting may be securely attached to termite shields that are installed on all subfloor structures such as piers, posts, stumps and walls, below the underside of the lowest framing member or suspended concrete slab. Sheeting must be securely attached using an appropriate adhesive or bonding agent, with a minimum 50mm overhang on all exposed sides in the subfloor region.

Wall Sheeting

Protectant™ Termite Barrier sheeting may be installed to either the internal or external face of the Concrete masonry and brick retaining wall. A single sheet application is sufficient to form an effective termite barrier when affixed using the correct adhesive products according to the Installation Manual. Strips of the material can be attached to every bed and perp joint of the masonry according to the Installation Manual.

Construction joints, Abutting slabs and Saw cuts

Protectant™ Termite Barrier sheeting may be installed within or under construction joints, abutting slabs and saw cut joints. A single sheet application is sufficient to form an effective termite barrier when affixed using the correct adhesive products or moulded into the concrete work according to the Installation Manual.

Service requirements

This product is designed to prevent concealed access from Subterranean termites. Subterranean termites on occasions are capable of bridging termite barriers and therefore a regular inspection, as detailed in the Australian Standard AS 4349.3, will significantly increase the probability of detection of termite activity before any damage or costly repairs are required. Regular competent inspections are strongly recommended as part of an ongoing termite management program. Service requirements should be determined as a result of at least an annual inspection by a licensed professional pest manager. More frequent inspections may be required in high-risk termite areas. In determining the need for service, factors such as local termite pressure, breaches of the barrier and termiticide longevity should be considered.

Protection of wildlife, fish, crustaceans and environment:

Bifenthrin is highly toxic to fish, crustaceans and aquatic invertebrates. DO NOT contaminate streams, rivers or waterways with the product or used containers. Before using, remove animals and pets from the areas to be treated.

STORAGE AND DISPOSAL:

Store in closed original container in a cool well-ventilated area away from children, animals, food and feedstuffs. DO NOT store for long periods in direct sunlight. DO NOT allow spilled product to enter sewers, gutters or storm water drains, creeks or any other waterway. When installing product it is likely that there will be some off-cuts of material. Wherever possible these should be used for repairs and patching. In the event that there are unusable pieces, these may be placed in the wall cavity. If this is not possible and they cannot be used on another job, the products off-cuts should be placed in a sealed plastic bag and disposed of at an approved waste management facility.

SAFETY DIRECTIONS: Will irritate the eyes and skin. Avoid contact with eyes and skin. When using the product wear cotton overalls buttoned to the neck and wrist (or equivalent clothing) and elbow-length chemical-resistant gloves. Wash hands after use. After each day's use wash gloves and contaminated clothing.

FIRST AID: If poisoning occurs contact a doctor or Poisons Information Centre (Phone Australia 131 126).

Additional information is listed in the Material Safety Data Sheet.

BATCH NUMBER:

DATE OF MANUFACTURE:

APVMA Approval No: 65632/51460